



SHEET 1 OF 1

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number + -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 1-185617	07/25/1989	SEIKO EPSON CORPORATION		ENGLISH TRANSLATION ONLY	
		JP 10-170949	06/26/1998	SHARP CORPORATION		ENGLISH TRANSLATION ONLY	
		JP 10-186410	07/14/1998	HITACHI LTD.		PARTIAL ENGLISH TRANSLATION ONLY	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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